

Patent Abstracts of Japan

PUBLICATION NUMBER : 2002121452
PUBLICATION DATE : 23-04-02

APPLICATION DATE : 12-10-00
APPLICATION NUMBER : 2000312420

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INT.CL. : C09D 11/10

TITLE : INK COMPOSITION FOR OFFSET
PRINTING



(A)

ABSTRACT : PROBLEM TO BE SOLVED: To obtain an ink composition for offset printing having excellent setting properties, blocking suitability such as primary and secondary blocking resistances without deteriorating performances required for the offset printing such as gloss of printed surfaces or drying properties in the offset printing.

SOLUTION: This ink composition for the offset printing is characterized as comprising a mixture composed of (1) a colorant, (2) a varnish for offset printing prepared by carrying out thermal reaction of a mixture composed of a binder resin having hydroxy groups and a polyfunctional isocyanate compound as a cross-linking agent or a mixture further composed of a catalyst and (3) at least one kind selected from the group consisting of (I) a fatty acid monoester represented by the chemical formula (A) (wherein, R1 denotes a 5-24C alkyl group; and R2 denotes a 1-10C alkyl group), (II) a diester compound of an aliphatic dibasic acid which is a liquid at normal temperature, has $\geq 150^\circ\text{C}$ boiling point and incompatible with water and (III) an ester compound of an aliphatic diol that is a liquid at normal temperature, has $\geq 150^\circ\text{C}$ boiling point and is incompatible with water in an amount of ≥ 5 wt.% in the solvent component without substantially containing a mineral oil.

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